

Datasheet: DC058

Description:	MOUSE IgG1:FITC/RAT IgG2a:RPE NEGATIVE CONTROL
Specificity:	MULTIPLE IgG1/IgG2a NEGATIVE CONTROL
Format:	FITC/RPE
Product Type:	Negative/Isotype Control
Isotype:	IgG1, IgG2a
Quantity:	50 TESTS

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			Neat

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Antibody Isotypes	FITC reagent: IgG1 (MOUSE) RPE reagent: IgG2a (RAT)		
Target Species	Negative Control		
Product Form	Dual Colour combination consisting of FITC conjugated and RPE conjugated monoclonal antibodies mixed in optimal ratio - lyophilized		
Reconstitution	Reconstitute with 0.5 ml distilled water		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
	RPE 488nm laser	496	578
	RPE 561nm laser	546	578
Buffer Solution	Phosphate buffered saline		
Preservative	0.09% Sodium Azide		
Stabilisers	1%	Bovine Serum Albumin	
	5%	Sucrose	

Product Information	DC058 is suitable for use as a negative control for the measurement of non-specific binding of mouse monoclonals of isotype IgG1 and rat monoclonals of isotype IgG2a to human tissues in a dual labelling technique using FITC and R-Phycoerythrin fluorochromes. DC058 recognises a rat cell surface antigen and therefore cannot be used as a negative control in this species.
Flow Cytometry	Use 10ul to label 10 ⁶ cells or 100ul whole blood
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #20487 available at: https://www.bio-rad-antibodies.com/SDS/DC058 20487
Regulatory	For research purposes only

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
'M419258:230616'

Printed on 12 Aug 2023